

ABSTRACT OF THE DISCLOSURE

A data transmitting and receiving apparatus for transmitting and receiving data between an external device and a pertinent bus of a plurality of buses connected by a bridge, the external device forming one portion of the bridge is disclosed, that comprises a storing means for storing first information and second information, the first information representing whether the transmission source or the transmission destination of the data is the data transmitting and receiving apparatus, the second information representing whether or not to the data should be transmitted to the pertinent bus, a setting means for setting the first information and the second information stored in the storing means to a predetermined state corresponding to an external request, and a transmitting and receiving means for transmitting and receiving the data to/from the pertinent bus or the external device corresponding to the first information and the second information stored in the storing means.